

MEDICAL RESEARCH DEPARTMENT



U. S. Submarine Base
New London

Report on
ANALYSIS OF REJECTIONS IN EXAMINATIONS
FOR
SUBMARINE SCHOOL

by
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and
Lt. (jg) N. R. Bartlett, H(S), USNR

Bureau of Medicine and Surgery
Research Project No. X-566 (Sub. No. 119)

APPROVED: Captain C. W. Shilling, (MC) U.S.Navy, MO-in-C.

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Note: This is the first in a series of monthly interim reports.

Medical Research Department
U. S. Submarine Base
New London, Connecticut

2 May 1945

Summary:

Men received for Submarine School are examined at New London for qualification for submarine duty. Examination data are tabulated each month by a punched-card technique previously reported ¹. The appended enclosures show the following:

1. Enclosure (A) shows the number of enlisted men examined and the number rejected for each of the past five months. Of 3417 school candidates examined during this period, 405 were disqualified, or 11.9 percent.

2. Enclosure (A) indicates that a majority of the number disqualified have psychiatric disabilities. In fact, of the five general reasons for failure (motivation, intelligence, psychiatric, physical or sensory inadequacies) the order of significance according to numbers disqualified has been fairly consistent for the past five months. Psychiatric rejections have been most frequent, and motivational inadequacies are next in importance. Sensory and physical failures, with each accounting for approximately fifteen percent of the number dropped, are less significant than the other three general reasons.

3. Numbers disqualified for each specific reason under the five general headings are shown in Enclosure (A). The alphabetic and numerical codes¹ utilized in the tables of Enclosure (A) are described in Enclosure (B).

4. An analysis of disqualifications according to stations from which men are received is presented also in Enclosure (A). It is noted that the pattern of disqualifications varies from one station to another.

5. A coded report, of which Enclosure (B) is an example, has been sent to each station from which submarine candidates are received routinely. This report lists for the month those disqualified, those accepted and those still in a pending status at the time the report is drafted. Reasons for rejection are cited for each man disqualified.

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¹ Report on Project X-247 (Sub.No.51) "Design of a method for recording medical data significant in medical examinations for Submarine School candidates in order to permit rapid analysis by punch-card techniques. Report dated 1 May, 1944.

6. It is emphasized that most of the men reported herein have been passed previously by examiners at other Naval activities. Thus these data do not describe the inadequacies of the total population of candidates for Submarine duty; rather, these data describe examinations by the Submarine Medical Examiner of the enlisted population received at New London for instruction.

COPY: TOTAL SUMMARY OF REJECTIONS BY PERSON

MOTIVATION

MONTH	1	2	3	4	5	6	TOTAL
December	0	0	12	1	8	16	37
January	0	0	12	2	4	14	32
February	1	0	10	0	0	4	15
March	0	2	8	0	3	14	27
April	1	0	20	0	6	11	38
	2	2	62	3	21	59	149

INTELLIGENCE

MONTH	1	2	3	4	TOTAL
December	1	3	19	9	32
January	4	1	8	18	31
February	3	3	2	7	15
March	6	1	2	7	16
April	10	2	2	4	18
	24	10	33	45	112

MONTH	NUMBER EXAMINED	NUMBER REJECTED	PERCENT REJECTED
Dec.	665	99	14.9%
Jan.	779	80	10.3%
Feb.	560	50	8.9%
Mar.	589	72	12.2%
Apr.	513	70	13.6%
	3106	371	11.9%

PSYCHIATRIC

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	TOTAL
December	0	0	0	0	1	0	0	0	3	0	1	5	6	0	11	20	1	5	3	4	0	0	0	0	0	60
January	0	0	0	0	0	0	0	1	0	2	6	5	0	6	11	0	0	1	2	0	0	0	0	0	0	34
February	0	1	0	0	0	1	0	0	0	0	4	7	3	0	4	9	0	0	0	0	0	6	0	0	0	35
March	0	0	0	0	0	0	0	0	0	0	2	8	9	0	11	10	0	0	0	0	0	6	0	0	0	46
April	0	0	0	1	0	0	0	0	0	0	1	11	1	0	6	13	0	0	0	4	0	1	4	0	1	38
	0	1	0	1	1	1	0	0	4	0	10	37	24	0	38	63	1	5	4	22	0	1	22	0	1	213

PHYSICAL

SENSORY

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	TOTAL	1	2	3	4	5	6	7	total
Dec.	0	0	0	0	1	0	2	7	0	3	0	0	0	0	1	1	0	0	1	0	2	0	0	2	0	4	24	6	4	4	2	0	1	0	17
Jan.	0	0	0	1	0	0	0	2	1	2	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	8	9	2	4	0	0	0	0	15
Feb.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	1	0	0	0	0	0	5
Mar.	0	0	0	0	0	2	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6	2	0	0	0	0	0	8
Apr.	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	1	2	0	0	0	0	9
	0	0	0	1	3	1	2	12	2	6	0	0	0	0	1	2	1	0	1	0	2	0	0	2	0	4	40	31	10	10	2	0	1	0	54

ENCLOSURE (A)

REPORT ON PROJECTIONS BY REMSON
FOR THE CITY OF APRIL, 1945

SCHOOL OF STATION	ACTIVATION						T O T A L				PSYCH/TRIC										PHYSICAL		T O T A L			SENTRY			T O T A L			NUMBER EXAM'D
	1 3 5 6						T A L				D N O P R S U Y										H		T A L			L 2 3			T A L			
	T O T A L						T A L				T O T A L										T A L		T A L			T A L			T A L			
NTC, Bainbridge, Md.	- 2 - 1	3	1	- - -	1	- - -	1	- - -	1	- 1 - 1	1	- 1 - 1	- 1 - 1	- 1 - 1	- 1 - 1	- 1 - 1	-	-	0	0	0	- - -	- - -	- - -	0	0	0	40				
R/S, Boston, Mass.	- - 1 -	1	-	- - -	-	- - -	0	- - -	-	- - -	-	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	0	0	2				
NTS, Navy Pier, Chgo, Ill.	- - - 1	1	-	- - -	-	- - -	0	- - -	-	- - -	2	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	0	0	2				
NTC, Farragut, Idaho	- 2 - -	2	-	- - -	-	- - -	0	- - -	-	- 2 - -	1	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	0	0	16				
NTC, Great Lakes, Ill.	1 3 - -	4	3	- - -	3	- - -	3	- - -	-	- 1 2 -	- - -	- - -	- - -	- - -	- - -	- - -	1	-	1	1	1	- - -	- - -	- - -	0	1	1	70				
NTC, Gulfport, Miss.	- - - -	0	-	- - -	-	- - -	0	- - -	-	- - -	- - -	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	1	- - -	- - -	1	1	1	28				
NTS, Indianapolis, Ind.	- 6 - -	6	-	- - -	-	- - -	0	- - -	-	- - -	1	1	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	0	0	13				
NAS, Jacksonville, Fla.	- - - 1	1	-	- - -	-	- - -	0	- - -	-	- - -	1	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	1	1	7				
NTS, NOB, Norfolk, Va.	- - - 1	1	-	- - -	-	- - -	0	- - -	-	- - -	1	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	0	0	5				
NAS, Pensacola, Fla.	- 1 1 -	2	-	- - -	1	- - -	1	- - -	1	- - -	1	- 1 -	- - -	- - -	- - -	- - -	-	-	0	0	0	1	- - -	- - -	1	1	1	14				
NTS, Richmond, Va.	- 1 - -	1	-	- - -	-	- - -	0	- - -	-	- - -	- - -	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	1	- 1	- 1	2	1	1	27				
NTC, Sampson, N.Y.	- 1 - 1	2	1	- - -	1	- - -	1	- - -	-	- 1 - -	4	1	- - -	- - -	- - -	- - -	-	-	0	0	0	- 1 -	- 1 -	- 1 -	1	1	1	41				
NTC, San Diego, Calif.	- - 1 -	1	-	- - -	-	- - -	1	- - -	1	- - -	2	- - -	- - -	- - -	- - -	- - -	-	-	0	0	0	- - -	- - -	- - -	0	1	1	43				

REPORT OF REJECTIONS BY T/SON
FOR THE MONTH OF APRIL, 1945

SCHOOL OR STATION	MOTIVATION						INTELLIGENCE				PSYCHIATRIC												PHYSICAL				SENSORY			T A N K	NUMBER EXAM'D		
	1 3 5			6			T A L		1 2 3 4				D F O P R S U Y												T A L		H		1 2 3				
	T A L	O	0	T A L	1	2	3	4	T A L	D	F	O	P	R	S	U	Y	T A L	H	T A L	O	T A L	1	2	3								
R/S, NYd, Washington, D.C.	-	-	-	-	0	-	-	-	0	-	1	-	-	-	-	-	-	1	-	-	0	-	-	-	-	0	0	1					
NTADC, Camp Peery, Va.	-	-	-	-	0	-	1	-	1	-	-	-	-	1	-	-	-	1	-	-	0	-	-	-	-	0	0	4					
NTS, Treasure Isl., Calif (PT)	-	-	1	-	1	-	-	-	0	1	-	-	-	-	-	-	-	1	-	-	0	-	-	-	-	0	0	13					
RMS, NYL, Washington, D/C. (PT)	-	-	-	-	0	-	-	-	0	-	-	-	-	-	-	-	-	0	-	-	0	-	-	-	-	0	1	5					
NTADC, Shoemaker, Calif.	-	-	2	-	2	1	1	-	2	-	1	1	-	-	-	-	-	2	-	-	0	-	-	-	-	0	0	8					
S/H Base, Navy 128	-	1	-	-	1	-	1	-	1	-	-	-	1	-	-	-	-	1	-	-	0	-	-	1	-	1	0	28					
All Ships	-	1	1	2	2	1	1	1	3	-	-	-	-	-	1	-	-	1	-	-	0	-	1	-	-	1	0	29					
ComSubAd, Mare Isl., Calif.	-	1	1	2	2	-	-	1	1	-	1	1	-	-	1	1	-	3	-	-	0	-	1	-	-	1	0	29					
Naval Hospitals	-	-	1	1	1	1	-	-	1	-	-	1	-	-	-	-	-	1	-	-	0	-	-	-	-	0	0	3					
Receiving Stations	-	-	1	1	1	1	-	-	1	-	-	1	-	-	-	-	-	1	-	-	0	-	-	-	-	0	0	10					
Miscellaneous	-	1	1	1	3	1	-	-	1	-	-	-	-	-	-	-	-	0	-	-	0	-	1	-	-	1	0	14					
	1206	11	38	10	2	2	4	18	1	1	11	1	6	13	4	1	38	1	1	9	7	1	6	1	2	9	7	452					

ENCLOSURE (A)